

In RE application of Y. KIYOTOKI et al  
 Serial No.: 10/083,355

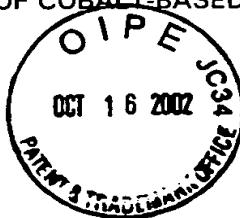
Filed: February 27, 2002

For: JOINT CONSTRUCTION OF COBALT-BASED ALLOY

Group Art Unit: 3754

Examiner:

Assistant Commissioner for Patents  
 Washington, D.C. 20231



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TECHNOLOGY CENTER R3700

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- No additional fee is required.

The fee has been calculated as shown below:

(COL. 1)		(COL. 2)		(COL. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra				
Total	• 38	Minus	• 20	= 18				
<input type="checkbox"/> First Presentation of Multiple Dependent Claims								
					Rate	Additional Fee	Rate	Additional Fee
					x 9	\$	x 18	\$ 324
					x 42	\$	x 84	\$ 0
					+ 140	\$	+ 280	\$ 0
					Total	\$	Total	\$ 324

- If the entry in Col. 1 is less than the entry in Col. 2, write '0' in Col. 3.
- If the 'Highest Number Previously Paid For' IN THIS SPACE is less than 20, write '20' in this space.
- If the 'Highest Number Previously Paid For' IN THIS SPACE is less than 3, write '3' in this space.

The 'Highest Number Previously Paid For' (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

- Please charge my Deposit Account No. 50-1417 in the amount of \$ \_\_\_\_\_.
- A check in the amount of \$ 324.00 is attached in payment of:  
Additional claims fee.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1417.
  - Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
  - Any patent application processing fees under 37 CFR 1.17.
  - Any Extension of Time fees that are necessary, which are hereby requested if necessary.

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Date: October 16, 2002

By:

John R. Mattingly  
 Registration No. 30,293  
 Attorney for Applicant(s)

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#



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# 6/B  
w/Rx. by  
10-21-02  
A. Conner

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Y. KIYOTOKI et al

Serial No. 10/083,355

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For: JOINT CONSTRUCTION OF COBALT-BASED ALLOY

SECOND PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to the examination thereof, please amend the above-identified application as follows.

IN THE CLAIMS

Cancel claims 14 and 15, and add new claims 16-40 as set forth below.

*Sub Cl 3*  
--16. The joint construction of cobalt-based alloy material according to claim 3, wherein the grain size of said eutectic carbide is not larger than 30  $\mu\text{m}$ .

*B1*  
--17. The joint construction of cobalt-based alloy material according to claim 3, wherein said base metal portion is formed of any of carbon steel, low alloy steel, and stainless steel.

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